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an adhesive between said hinge mounting area and said hinge, said adhesive forming a joint bonding said first flange portion of said hinge to said hinge mounting area such that there is no exposure of said hinge on said outer surface of said glass sheet;

B2
said window panel adapted for mounting on the vehicle such that when fitted within [a] the generally vertical window opening of the vehicle, said glass sheet will be generally vertically mounted and will be at least one of a side window, rear window, and lift gate window of the vehicle; said joint supporting the weight of said glass sheet without failure in a generally vertical position when subjected to severe vibration and extreme climatic conditions when mounted and used in the generally vertical vehicle window opening.

~~3~~² (amended)

The articulated window panel of claim ~~2~~¹ including a substantially opaque coating on a predetermined portion of said inner sheet surface, said opaque coating being included on said hinge mounting area with said first flange portion of said hinge bonded to said opaque coating; said adhesive positioned between said opaque coating and said first flange portion of said hinge, whereby said hinge, when bonded to said hinge mounting area, is substantially hidden from view from said outer surface of said glass sheet by said opaque coating.

4~~3~~² (amended)

B2
The articulated window panel of claim ~~3~~² further including an adhesion-promoting compound between said opaque coating and said adhesive bonding said first flange portion of said hinge to said glass sheet.

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~~9-10~~ (amended)

B3
The articulated window panel of claim ~~9~~² wherein said hinge has at least one projection for spacing said first flange portion of said hinge from said opaque coating, said adhesive between said opaque coating and said first flange portion of said hinge having a thickness defined by said projection.

~~14-15~~ (amended)

B4
The articulated window panel of claim ~~14~~¹ wherein said first flange portion of said hinge includes at least one perforation therethrough for access to said adhesive and for providing a mechanical bonding surface for said adhesive.

~~17-18~~ (amended)

The articulated window panel of claim ~~17~~¹ wherein said first flange portion of said hinge has a bonding area of at least two square inches.

~~18-19~~ (amended)

B5
The articulated window panel of claim ~~18~~¹⁷ wherein said first flange portion of said hinge has an aspect ratio of at least one.

~~20-21~~ (amended)

[A] An articulated window panel suitable for securement in a window opening of a vehicle by at least one hinge and a latch, said panel comprising:

a glass sheet having inner and outer surfaces terminating in a peripheral edge defining a shape adapted to fit within a window opening of the vehicle;

a latch mounting area on said inner surface of said glass sheet;

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a latch mount bonded to said latch mounting area and adapted to receive a latch for securing [secure] the articulated window panel in open and closed positions when mounted in the vehicle window opening, said latch mount including a base portion bonded to said latch mounting area and a receiving portion for engaging a latch when attached to the vehicle for opening and closing said window panel when mounted in the vehicle window opening;

said glass sheet having a surface area of at least 250 square inches;

an adhesive between said latch mounting area and said latch mount base, said adhesive forming a joint bonding said latch mount base to said latch mounting area such that there is no exposure of said latch mount on said outer surface of said glass sheet;

said window panel adapted for mounting on the vehicle such that when fitted within [a] the generally vertical window opening of the vehicle, said glass sheet will be generally vertically mounted and will be at least one of a side window, rear window, and lift gate window of the vehicle; said joint supporting the weight of said glass sheet without failure in a generally vertical position when subjected to severe vibration and extreme climatic conditions when said panel is mounted and used in the generally vertical vehicle window opening.

sub C2
19
21- (amended)
18
The articulated window assembly of claim 19 including a substantially opaque coating on a predetermined portion of said inner area with said latch mount base bonded to said opaque coating; said adhesive positioned between said opaque coating and said latch mount base, whereby said latch mount base, when bonded to said latch mounting area, is